



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent of

Hiroshi SANO et al.

Patent No.: 6,734,342 *β2*

Issued: May 11, 2004

Title: THEOBROMINE SYNTHASE POLYPEPTIDE OF COFFEE PLANT AND THE GENE ENCODING SAID POLYPEPTIDE

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate  
SEP 14 2004  
of Correction

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Issuance of a Certificate of Correction for the above-captioned patent is respectfully requested in accordance with the accompanying Form PTO-1050 (submitted in duplicate).

- ☐ The requisite Government fee of \$100.00 (1811)
- ☐ Is submitted herewith.
- ☐ Is authorized to be charged to Deposit Account No. 02-4800.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.
- ☒ It is believed that payment of a fee is unnecessary.

The error in claim 7 is a PTO error as is evident from a review of claim 41 (patented claim 7) on page 4 of the Amendment filed November 19, 2003.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.20(a) that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
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Date: September 9, 2004

By Robert G. Mukai  
Robert G. Mukai  
Registration No. 28,531



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Patent of

Hiroshi SANO et al.

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COPY

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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,734,342 *B2*  
DATED : May 11, 2004  
INVENTOR(S) : Hiroshi Sano et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

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Column 26, line 49, change "plain" to --plant--.

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MAILING ADDRESS OF SENDER:

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PATENT NO. 6,734,342 *B2*

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SEP 15 2004



40. (New) A transformed plant produced using the method of Claim 39.
41. (New) The plant according to Claim 40, wherein said plant is selected from the group consisting of *Coffea arabica*, *Correa canephora*, *Coffea liberica*, and *Coffea dewevrei*.
42. (New) A seed obtained from the transformed plant according to Claim 40, wherein said seed contains said nucleotide sequence.
43. (New) A seed obtained from the transformed plant according to Claim 41, wherein said seed contains said nucleotide sequence.
44. (New) A method for decreasing theobromine synthesis in a plant, said method comprising introducing into a plant cell double-stranded RNA comprising a nucleotide sequence according to any one of Claims 35-38.
45. (New) A transformed plant produced using the method of Claim 44.
46. (New) The plant according to Claim 45, wherein said plant is selected from the group consisting of *Coffea arabica*, *Correa canephora*, *Coffea liberica*, and *Coffea dewevrei*.
47. (New) A seed obtained from the transformed plant according to Claim 45, wherein said seed contains said nucleotide sequence.
48. (New) A seed obtained from the transformed plant according to Claim 46, wherein said seed contains said nucleotide sequence
49. (New) A method for decreasing theobromine synthesis in a plant, said method comprising introducing into a plant cell two or more copies of the nucleotide sequence according to any one of Claims 35-38, wherein expression of said nucleotide sequence is co-suppressed.